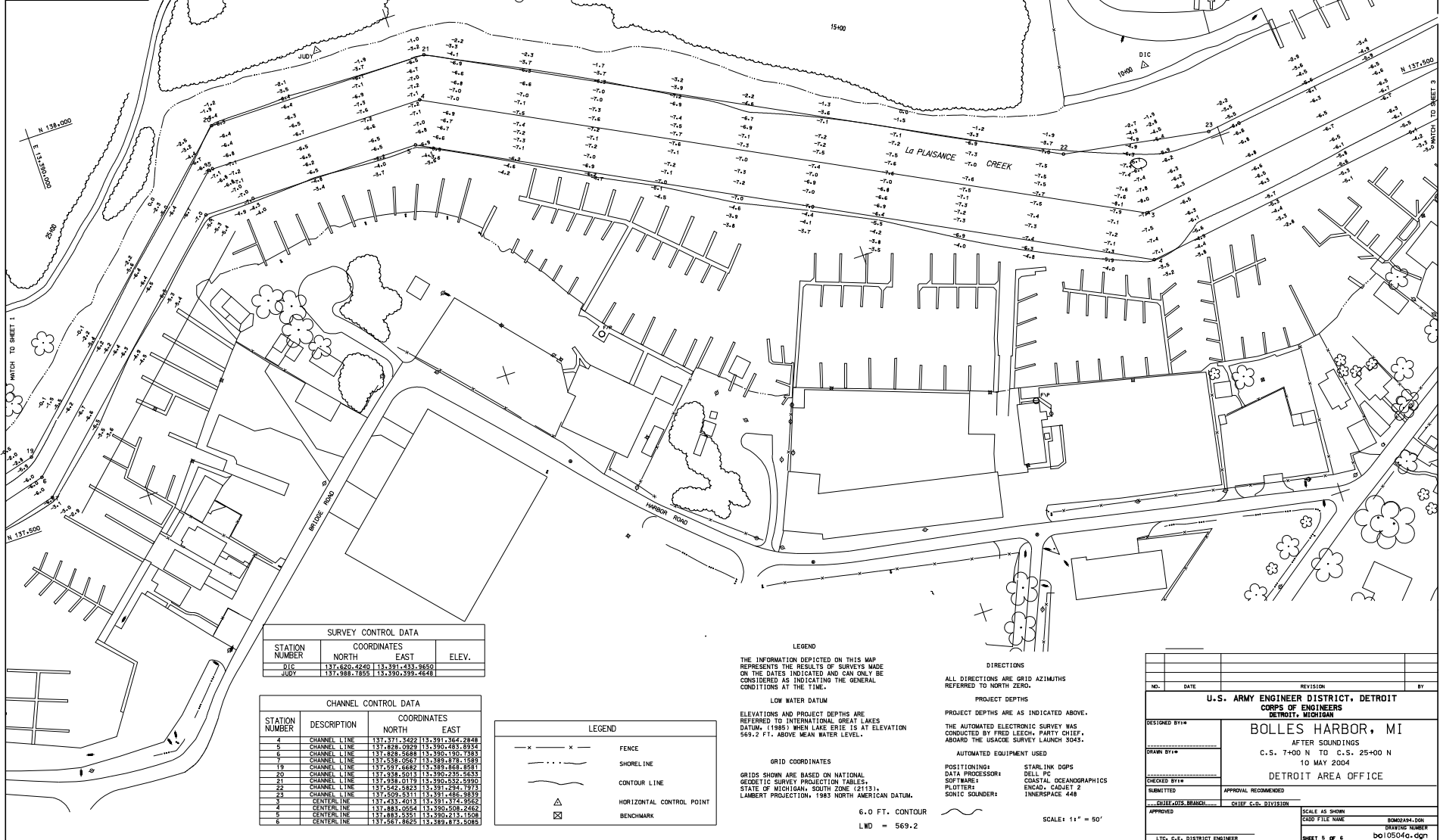


NOTES:

1. GAGES USED WERE REFERENCED FROM CHISELED "X" ON STEEL SEA WALL ACROSS THE RIVER FROM BOAT RAMP.
2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
3. TRANSDUCER FREQUENCY USED TO MEASURE DEPTH DATA WAS 208 KHZ AND THE BEAM ANGLE WAS 3.0 DEGREES.



NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

BOLLES HARBOR, MI
AFTER SOUNDINGS
C.S. 7+00 N TO C.S. 25+00 N
10 MAY 2004
DETROIT AREA OFFICE

DESIGNED BY: *
DRAWN BY: *
CHECKED BY: *
SUBMITTED BY: *
APPROVAL RECOMMENDED: *
CHIEF, C.O. DIVISION: *
CHIEF, C.O. DIVISION: *

SCALE AS SHOWN
GRID FILE NAME: B010504.dgn
DRAWING NUMBER: B010504.dgn
SHEET 5 OF 5

LTC, C.E. DISTRICT ENGINEER
CONTRACT NO. W911XK-04-C-0005